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ABSTRACT

The purpose of this publication is to modify and update the list of discipline specialties in the Higher Education General Information Survey (HEGIS) questionnaires and to make the list sufficiently flexible and comprehensive for adaptation to overall institutional recordkeeping, apart from HEGIS reporting. The taxonomy is divided in 2 sections: (1) conventional academic subdivisions of knowledge and training; and (2) technological and occupational curriculums leading to associate degrees and other awards below the baccalaureate. A system for translating records based on old coding procedures into the new specialty list is also provided. (AF)

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A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION

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FOREWORD

SINCE THE Higher Education General Information Survey package was first assembled from disparate periodic survey forms of the Office of Education in 1966, it has been apparent to the National Center for Educational Statistics and to the higher education community that the various lists of higher education instructional programs in the HEGIS packages needed to be revised to bring them in line with the best current practice and to make them consistent with each other. This publication responds to that need.

The taxonomy of instructional programs will be used in the HEGIS surveys of 1971-72, and all subsequent surveys whenever the data are acquired on the basis of instructional programs. This will include the future surveys of earned degrees and other formal awards, enrollment for advanced degrees, upper division enrollment by major, field of training of faculty, instructional program assignments of faculty, expenditures by instructional program, etc. Because the translation of current records on physical plant space presents some unusual difficulties, present plans contemplate no survey of the allocation of physical plant space by instructional program again until the fall term of 1974.

This taxonomy represents an effort to prescribe not how instructional programs should be organized but how the majority of institutions of higher education

actually do organize and record data on instructional programs. At the same time, it attempts to reflect categories for which data are needed. Every institution, association, and professional organization in higher education was asked to assist in the development of this taxonomy, and every comment and suggestion was reviewed and evaluated.

In another form, this taxonomy has been adopted as the core portion of the Program Classification Structure developed by the Western Interstate Commission for Higher Education's Management Information Systems Program (WICHE-MIS), and will be essential for use of the WICHE-MIS standard models and cost exchange procedures.

The present report is being published far in advance of its first prospective use in 1971-72 in order to provide a maximum lead time for any change of institutional records deemed necessary. According to current plans, this taxonomy will not be modified in any major way (apart from the addition of new instructional programs) during the ensuing 5-year period in order that institutions and other agencies may receive a maximum return from the time and effort expended in the construction or modification of file systems. The continued provision of criticism and comment is encouraged both to assist us in minor modifications and to help us prepare for eventual major revision.

THEODORE H. DREWS, *Chief*
Higher Education Surveys Branch

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INTRODUCTION

BACKGROUND

MANY MEMBERS of the higher education community have recommended modification and updating of the list of discipline specialties in the Higher Education General Information Survey (HEGIS) questionnaires. Moreover, they have urged that the list be made sufficiently flexible and comprehensive for adaptation to overall institutional recordkeeping apart from HEGIS reporting. This revision—incorporating the suggestions—has the following specific objectives:

1. To produce a list of instructional programs that would be equally applicable to HEGIS data on students, faculty assignments, finance, and space.
2. To reflect as accurately as possible the instructional programs and curriculums now in existence or likely to appear in the future.
3. To build enough comprehensiveness and flexibility into the list so that it may remain relatively stable.
4. To construct a list which is acceptable and practical for general institutional recordkeeping, for management information systems, and for program budget structure employed by higher education institutions.
5. To provide a system for translating records based on old coding procedures (e.g., the Higher Education Facilities Classification) into the new specialty list.

The standard list of instructional programs presented in this publication was developed cooperatively by the National Center for Educational Statistics and the National Center for Educational Research and Development (both of the Office of Education), and the Western Interstate Commission on Higher Education.

A crucial feature in the development of the standard list was a comprehensive review process involving all sectors of the higher education community—Federal agencies concerned with statistical data on higher education, institutions of higher education, and higher education associations and organizations. The review process began in the spring of 1969 when a preliminary draft of the list was circulated to a number of persons in the higher education community; in addition, field

visits were made to a sample of institutions for discussion of the list. Comments generated by the first review cycle provided a basis for a revision that was developed by a committee made up of representatives of the American Association of Collegiate Registrars and Admissions Officers, the American Council on Education, and the Council of Graduate Schools in the United States, together with representatives of the Office of Education and the Western Interstate Commission. The resulting draft was then sent to Federal agencies, to education associations and organizations, and to all institutions of higher education. The final version presented here reflects not only comments volunteered by the numerous reviewers but also the outcome of a series of meetings with representatives of other Federal agencies.

After the standard list itself had been developed, the final step was to construct the index and the translation tables. The translation tables show the relationship of the new system to the systems used in the HEGIS Earned Degree survey, the Higher Education Facilities Classification, the Vocational Education and Occupations classification systems, and the U.S. Bureau of the Budget Standard Classification of Fields of Science and Engineering.

A VIEW OF THE INSTITUTIONAL REPORTING TASK

No centrally prepared list can precisely match the pattern of discipline titles and content within all institutions. Despite institutional variations, the new list is designed to contain a definite place for *every* specialization needed for classifying students, faculty assignments, finance, and facilities. To the extent that the list attains this objective, institutions may also find it useful for their own records systems even though it is not a "perfect fit."

Each institution, then, will interpret its own programs in terms of the new HEGIS list and translate its own titles into HEGIS terminology. For example, what one college calls "biostatistics" may be judged comparable to "biometrics" on the HEGIS list. Some institutions may find it convenient to record their own discipline codes next to the HEGIS codes in the index.

Once the proper reporting category has been decided for each degree program that an institution offers, the preparation of HEGIS reports should be quite simple. For example, each student's major field, each faculty member's teaching assignments, and each space allocation could be coded according to the discipline specialization list and the codes stored in the institution's regular data file. Then, by a fairly routine clerical operation (or a simple computer program), HEGIS and other reports could be compiled from institutional files. If an institution has kept its records in accordance with the old HEGIS codes (or with one of the other systems covered by the translation tables), conversion to the new system should be quite straightforward.

It should be recognized that a particular faculty member, student, or facility may require several codes for complete identification. For example, a faculty member may have a series of degrees, each in a different field; he may be assigned by the institution to work in some other field; and he may consider that his primary research competence is in still another field.

In attempting to use the new HEGIS list, the user is urged to "browse" through the entire list to see how the discipline specialties have been ordered. Such browsing will serve at least two purposes: first, to identify substantial portions of the list that may be ignored by a particular college and, second, to avoid classifying a program into a semiappropriate category near the start of the list when there is a more appropriate category further along.

THE DISCIPLINE CLASSIFICATION

The new HEGIS classification is divided into two main sections. Section I deals with conventional academic subdivisions of knowledge and training; section II, with technologies and occupation specialties related to curriculums leading to associate degrees and other awards below the baccalaureate.

Within the two sections, each discipline *division* is shown in bold type at the beginning of each specialty list, along with a brief definition. Under the discipline division are listed the discipline *specialties*. It should be noted that the discipline specialty list is not intended to be a list of individual courses.

Inevitably, the decision that certain specialties belong under one division rather than another is somewhat arbitrary; some users will disagree with certain

classifications. For example, one institution may classify botany under agriculture and another may classify it under biological sciences; economics may be classified under business and commerce or under social studies. The important point is that data can be reported in the appropriate, specific category. The user who wishes to aggregate in a manner other than that implied by the HEGIS discipline division may then do so.

The first title under most of the discipline divisions is listed as a *general* category. This is intended to provide some flexibility in the reporting scheme and should be useful for broad programs that encompass several of the listed specialties.

When attempting to classify an individual or a facility which does not seem to fit into the list, the institution has two choices; (1) it can be listed by name under "other" if it seems to represent an unlisted specialty, or (2) it can be placed in the "general" category if it seems to cover several listed specialties. Such fine points must be decided at the institutional level, but it is hoped that the index is comprehensive enough to minimize the need for such decisions.

THE INDEX

To satisfy the many purposes for which the taxonomy is intended, it must be very lengthy and diverse. To make it easier to use, it is followed by two alphabetical indexes of program titles—including a number of related titles not appearing in the discipline classification—showing the discipline category in which the item should be placed. The first index applies to the conventional academic subdivisions of knowledge; the second, to technologies and other occupational specialties related to curriculums leading to associate degrees and other awards below the baccalaureate.

THE TRANSLATION TABLES

The tables on pages 21-32 of this publication provide a means for translating into the new coding system from:

1. The list of academic specialties used in the HEGIS survey of degrees awarded in 1968-69. Essentially the same list was used in the HEGIS survey of Students Enrolled for Advanced Degrees.
2. The Standard Classification of Organizational Units and Subject Fields, from the Higher Edu-

cation Facilities Classification and Inventory Procedures Manual.

3. The list of technical education programs from *Vocational Education and Occupations*, published by the U.S. Office of Education and the U.S. Department of Labor, Manpower Administration.
4. The U.S. Bureau of the Budget Circular A-46, Standard Classification of Fields of Science and Engineering.

In reviewing the translation tables, it will be noted that the new list provides coverage of all specialties included in the four documents cited above. In many instances, the new list provides for much greater specificity of reporting than the old systems. For example, the HEGIS Earned Degree list uses a single code (7710) for area studies; by comparison, area studies involves 15 different codes in the new list, with separate codes for East Asiatic studies, Islamic studies, Russian and other Slavic studies, and so forth. Similarly, BOB Circular A-46 provides only a single code for chemistry as compared with five in the new list (organic chemistry, physical chemistry, general chemistry, and so forth).

CODING

It will be noted that, within the discipline divisions, the lists of discipline specialties have been arranged without strict adherence to alphabetical or other logical sequence. This is done purposely: any additions to the lists during the next few years can be made without disturbing the coding sequence or the rationale of the listing arrangement. Furthermore, this system purposely avoids arbitrary organizations of fields into questionable and potentially controversial hierarchies of subfields and sub-subfields within a discipline division. Thus, avoidance of a logical sequence for the discipline specialty lists is deemed desirable and actually becomes the rationale for the arrangement.

A block coding scheme has been used in this taxonomy. The first two digits of the four-digit code identify the discipline division. Numbers 01 through 49 are used for identification of the conventional academic fields of section I. Numbers 50 and above are used as the first two code digits to identify the technologies and vocational specialties of section II. Under all discipline divisions, the last two digits of the code are used to identify the specialties.

A TAXONOMY OF INSTRUCTIONAL PROGRAMS IN HIGHER EDUCATION

**Section I:
CONVENTIONAL ACADEMIC SUBDIVISIONS OF
KNOWLEDGE AND TRAINING**

**Section II:
TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS
LEADING TO ASSOCIATE DEGREES
AND OTHER AWARDS BELOW THE BACCALAUREATE**

Section I:

CONVENTIONAL ACADEMIC SUBDIVISIONS OF KNOWLEDGE AND TRAINING

0100 AGRICULTURE and NATURAL RESOURCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the production of food and management of natural fiber, plant, forest, and wildlife resources.

- 0101 Agriculture, general
- 0102 Agronomy (field crops, and crop management)
- 0103 Soils science (management and conservation)
- 0104 Animal science (husbandry)
- 0105 Dairy science (husbandry)
- 0106 Poultry science
- 0107 Fish, game, and wildlife management
- 0108 Horticulture (fruit and vegetable production)
- 0109 Ornamental horticulture (floriculture, nursery science)
- 0110 Agricultural and farm management
- 0111 Agricultural economics
- 0112 Agricultural business
- 0113 Food science and technology
- 0114 Forestry
- 0115 Natural resources management
- 0116 Agriculture and forestry technologies (baccalaureate and higher programs)
- 0117 Range management
- 0199 Other, specify

0200 ARCHITECTURE and ENVIRONMENTAL DESIGN

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with training for a profession in designing buildings, communities, parks, and other manmade aspects of the physiosocial environment.

- 0201 Environmental design, general
- 0202 Architecture
- 0203 Interior design
- 0204 Landscape architecture
- 0205 Urban architecture
- 0206 City, community, and regional planning
- 0299 Other, specify

0300 AREA STUDIES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with programs designed to study cultures indigenous to specific geographic regions.

- 0301 Asian studies, general
- 0302 East Asian studies
- 0303 South Asian (India, etc.) studies
- 0304 Southeast Asian studies
- 0305 African studies
- 0306 Islamic studies
- 0307 Russian and Slavic studies
- 0308 Latin American studies
- 0309 Middle Eastern studies
- 0310 European studies, general
- 0311 Eastern European studies
- 0312 West European studies
- 0313 American studies
- 0314 Pacific area studies
- 0399 Other, specify

0400 BIOLOGICAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of life or living matter in all its forms and phenomena especially with regard to the origin, growth, reproduction, and structure of life forms.

- 0401 Biology, general
- 0402 Botany, general
- 0403 Bacteriology
- 0404 Plant pathology
- 0405 Plant pharmacology
- 0406 Plant physiology
- 0407 Zoology, general
- 0408 Pathology, human and animal
- 0409 Pharmacology, human and animal
- 0410 Physiology, human and animal
- 0411 Microbiology
- 0412 Anatomy
- 0413 Histology
- 0414 Biochemistry
- 0415 Biophysics
- 0416 Molecular biology
- 0417 Cell biology (cytology, cell physiology)
- 0418 Marine biology
- 0419 Biometrics and biostatistics
- 0420 Ecology
- 0421 Entomology
- 0422 Genetics
- 0423 Radiobiology

- 0424 Nutrition, scientific (excludes nutrition in home economics and dietetics)
- 0425 Neurosciences
- 0426 Toxicology
- 0427 Embryology
- 0499 Other, specify

0500 BUSINESS and MANAGEMENT

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to the organization, operation, administration, and control of private and public organizations.

- 0501 Business and commerce, general
- 0502 Accounting
- 0503 Business statistics
- 0504 Banking and finance
- 0505 Investments and securities
- 0506 Business management and administration
- 0507 Operations research
- 0508 Hotel and restaurant management
- 0509 Marketing and purchasing
- 0510 Transportation and public utilities
- 0511 Real estate
- 0512 Insurance
- 0513 International business
- 0514 Secretarial studies (baccalaureate and higher programs)
- 0515 Personnel management
- 0516 Labor and industrial relations
- 0517 Business economics
- 0599 Other, specify

0600 COMMUNICATIONS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to collection, preparation, and presentation of ideas and information intended for popular consumption through mass media.

- 0601 Communications, general
- 0602 Journalism (printed media)
- 0603 Radio/television
- 0604 Advertising
- 0605 Communication media (use of videotape, films, etc., oriented specifically toward radio/television)
- 0699 Other, specify

TAXONOMY (SECTION I)

0700 COMPUTER and INFORMATION SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, course work, research projects, etc. having to do with the design, development, and application of computer capabilities to data storage and manipulation and related computational procedures.

- 0701 Computer and information sciences, general
- 0702 Information sciences and systems
- 0703 Data processing
- 0704 Computer programming
- 0705 Systems analysis
- 0799 Other, specify

0800 EDUCATION

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to administration and control of educational organizations and institutions and subjects related to instruction and services both within and outside of such formal organizations.

- 0801 Education, general
- 0802 Elementary education, general
- 0803 Secondary education, general
- 0804 Junior high school education
- 0805 Higher education, general
- 0806 Junior and community college education
- 0807 Adult and continuing education
- 0808 Special education, general
- 0809 Administration of special education
- 0810 Education of the mentally retarded
- 0811 Education of the gifted
- 0812 Education of the deaf
- 0813 Education of the culturally disadvantaged
- 0814 Education of the visually handicapped
- 0815 Speech correction
- 0816 Education of the emotionally disturbed
- 0817 Remedial education
- 0818 Special learning disabilities
- 0819 Education of the physically handicapped
- 0820 Education of the multiple handicapped
- 0821 Social foundations (history and philosophy of education)
- 0822 Educational psychology (include learning theory)
- 0823 Pre-elementary education (kindergarten)
- 0824 Educational statistics and research

- 0825 Educational testing, evaluation and measurement
- 0826 Student personnel (counseling and guidance)
- 0827 Educational administration
- 0828 Educational supervision
- 0829 Curriculum and instruction
- 0830 Reading education (methodology and theory)
- 0831 Art education (methodology and theory)
- 0832 Music education (methodology and theory)
- 0833 Mathematics education (methodology and theory)
- 0834 Science education (methodology and theory)
- 0835 Physical education
- 0836 Driver and safety education
- 0837 Health education (include family life education)
- 0838 Business, commerce, and distributive education
- 0839 Industrial arts, vocational, and technical education
- 0899 Other, specify

0900 ENGINEERING

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the practical application of basic scientific knowledge to the design, production, and operation of systems intended to facilitate man's control and use of his natural environment.

- 0901 Engineering, general
- 0902 Aerospace, aeronautical and astronautical engineering
- 0903 Agricultural engineering
- 0904 Architectural engineering
- 0905 Bioengineering and biomedical engineering
- 0906 Chemical engineering (include petroleum refining)
- 0907 Petroleum engineering (exclude petroleum refining)
- 0908 Civil, construction, and transportation engineering
- 0909 Electrical, electronics, and communications engineering
- 0910 Mechanical engineering
- 0911 Geological engineering
- 0912 Geophysical engineering
- 0913 Industrial and management engineering
- 0914 Metallurgical engineering
- 0915 Materials engineering
- 0916 Ceramic engineering
- 0917 Textile engineering
- 0918 Mining and mineral engineering
- 0919 Engineering physics
- 0920 Nuclear engineering

- 0921 Engineering mechanics
- 0922 Environmental and sanitary engineering
- 0923 Naval architecture and marine engineering
- 0924 Ocean engineering
- 0925 Engineering technologies (baccalaureate and higher programs)
- 0999 Other, specify

1000 FINE and APPLIED ARTS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the creation and appreciation of the diverse modes of communicating ideas and emotions by means of stylized, visual, and non-visual representations and symbols.

- 1001 Fine arts, general
- 1002 Art (painting, drawing, sculpture)
- 1003 Art history and appreciation
- 1004 Music (performing, composition, theory)
- 1005 Music (liberal arts program)
- 1006 Music history and appreciation (musicology)
- 1007 Dramatic arts
- 1008 Dance
- 1009 Applied design (ceramics, weaving, textile design, fashion design, jewelry, metalsmithing, interior decoration, commercial art)
- 1010 Cinematography
- 1011 Photography
- 1099 Other, specify

1100 FOREIGN LANGUAGES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to mastery of a language other than English or related to the study of a foreign culture through exploration of the literature of that culture as expressed in the vernacular language.

- 1101 Foreign languages, general (includes concentration on more than one foreign language without major emphasis on one language)
- 1102 French
- 1103 German
- 1104 Italian
- 1105 Spanish
- 1106 Russian
- 1107 Chinese

CONVENTIONAL ACADEMIC SUBDIVISIONS

9

- 1108 Japanese
- 1109 Latin
- 1110 Greek, classical
- 1111 Hebrew
- 1112 Arabic
- 1113 Indian (Asiatic)
- 1114 Scandinavian languages
- 1115 Slavic languages (other than Russian)
- 1116 African languages (non-Semitic)
- 1199 Other, specify

1200 HEALTH PROFESSIONS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the maintenance and restoration of physical and mental health.

- 1201 Health professions, general
- 1202 Hospital and health care administration
- 1203 Nursing (baccalaureate and higher programs)
- 1204 Dentistry, D.D.S. or D.M.D. degree
- 1205 Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)
- 1206 Medicine, M.D. degree
- 1207 Medical specialties (work beyond first-professional degree, M.D.)
- 1208 Occupational therapy
- 1209 Optometry
- 1210 Osteopathic medicine, D.O. degree
- 1211 Pharmacy
- 1212 Physical therapy
- 1213 Dental hygiene (baccalaureate and higher programs)
- 1214 Public health
- 1215 Medical record librarianship
- 1216 Podiatry (Pod.D. or D.P.) or podiatric medicine (D.P.M.)
- 1217 Biomedical communication
- 1218 Veterinary medicine (D.V.M. degree)
- 1219 Veterinary medicine specialties (work beyond first-professional degree, D.V.M.)
- 1220 Speech pathology and audiology
- 1221 Chiropractic
- 1222 Clinical social work (medical and psychiatric and specialized rehabilitation services)
- 1223 Medical laboratory technologies (baccalaureate and higher programs)
- 1224 Dental technologies (baccalaureate and higher programs)

- 1225 Radiologic technologies (baccalaureate and higher programs)
- 1299 Other, specify

1300 HOME ECONOMICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the theory and practice of family and home care including the science of foods, home decoration and management, and child care.

- 1301 Home economics, general
- 1302 Home decoration and home equipment
- 1303 Clothing and textiles
- 1304 Consumer economics and home management
- 1305 Family relations and child development
- 1306 Foods and nutrition (include dietetics)
- 1307 Institutional management and cafeteria management
- 1399 Other, specify

1400 LAW

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the legal customs, practices, and rules of society and states for the purpose of pursuing a career in jurisprudence.

- 1401 Law, general
- 1499 Other, specify

1500 LETTERS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with English language and literature and value systems related to ancient and modern cultures.

- 1501 English, general
- 1502 Literature, English
- 1503 Comparative literature
- 1504 Classics
- 1505 Linguistics (include phonetics, semantics, and philology)
- 1506 Speech, debate, and forensic science (rhetoric and public address)
- 1507 Creative writing
- 1508 Teaching of English as a foreign language

- 1509 Philosophy
- 1510 Religious studies (exclude theological professions)
- 1599 Other, specify

1600 LIBRARY SCIENCE

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with instruction in the professional skills required to organize collections of books and related materials and the training necessary for providing services related to them.

- 1601 Library science, general
- 1699 Other, specify

1700 MATHEMATICS

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the science of numbers and space configurations and their operations, measurement, relationships, and abstractions.

- 1701 Mathematics, general
- 1702 Statistics, mathematical and theoretical
- 1703 Applied mathematics
- 1799 Other, specify

1800 MILITARY SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with techniques and skills unique to the pursuit of a professional career as a military officer.

- 1801 Military science (Army)
- 1802 Naval science (Navy, Marines)
- 1803 Aerospace science (Air Force)
- 1899 Other, specify

1900 PHYSICAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with the basic nature of matter, energy, and associated phenomena.

- 1901 Physical sciences, general
- 1902 Physics, general (exclude biophysics)
- 1903 Molecular physics
- 1904 Nuclear physics

TAXONOMY (SECTION I)

- 1905 Chemistry, general (exclude biochemistry)
- 1906 Inorganic chemistry
- 1907 Organic chemistry
- 1908 Physical chemistry
- 1909 Analytical chemistry
- 1910 Pharmaceutical chemistry
- 1911 Astronomy
- 1912 Astrophysics
- 1913 Atmospheric sciences and meteorology
- 1914 Geology
- 1915 Geochemistry
- 1916 Geophysics and seismology
- 1917 Earth sciences, general
- 1918 Paleontology
- 1919 Oceanography
- 1920 Metallurgy
- 1999 Other, specify

2000 PSYCHOLOGY

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with behavioral and mental processes.

- 2001 Psychology, general
- 2002 Experimental psychology (animal and human)
- 2003 Clinical psychology
- 2004 Psychology for counseling
- 2005 Social psychology
- 2006 Psychometrics
- 2007 Statistics in psychology
- 2008 Industrial psychology
- 2009 Developmental psychology
- 2010 Physiological psychology
- 2099 Other, specify

2100 PUBLIC AFFAIRS and SERVICES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to developing and improving competencies in the management and operation of governmental agencies.

- 2101 Community services, general
- 2102 Public administration
- 2103 Parks and recreation management
- 2104 Social work and helping services (other than clinical social work)
- 2105 Law enforcement and corrections (baccalaureate and higher programs)
- 2106 International public service (other than diplomatic service)
- 2199 Other, specify

2200 SOCIAL SCIENCES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. having to do with all aspects of the past and present activities, conduct, interactions, and organizations of humans.

- 2201 Social sciences, general
- 2202 Anthropology
- 2203 Archaeology
- 2204 Economics
- 2205 History
- 2206 Geography
- 2207 Political science and government
- 2208 Sociology

- 2209 Criminology
- 2210 International relations
- 2211 Afro-American (black culture) studies
- 2212 American Indian cultural studies
- 2213 Mexican-American cultural studies
- 2214 Urban studies
- 2215 Demography
- 2299 Other, specify

2300 THEOLOGY

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. related to preparation and training for a religious vocation.

- 2301 Theological professions, general
- 2302 Religious music
- 2303 Biblical languages
- 2304 Religious education
- 2399 Other, specify

4900 INTERDISCIPLINARY STUDIES

Subject field designations which characterize students, faculty, facilities, degree programs, research projects, etc. involving more than one major discipline without primary concentration in any one area.

- 4901 General liberal arts and sciences
- 4902 Biological and physical sciences
- 4903 Humanities and social sciences
- 4904 Engineering and other disciplines
- 4999 Other, specify

Section II:**TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS LEADING TO ASSOCIATE DEGREES AND OTHER AWARDS BELOW THE BACCALAUREATE****5000 BUSINESS and COMMERCE TECHNOLOGIES**

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for commercial, business, or secretarial occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

- 5001 Business and commerce technologies, general
- 5002 Accounting technologies

- 5003 Banking and finance technologies
- 5004 Marketing, distribution, purchasing, business, and industrial management technologies
- 5005 Secretarial technologies (include office machines training)
- 5006 Personal service technologies (stewardess, cosmetologist, etc.)
- 5007 Photography technologies
- 5008 Communications and broadcasting technologies (radio/television, newspapers)
- 5009 Printing and lithography technologies
- 5010 Hotel and restaurant management technologies

- 5011 Transportation and public utility technologies
- 5012 Applied arts, graphic arts, and fine arts technologies (include advertising design)
- 5099 Other, specify

5100 DATA PROCESSING TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for data processing or related occupations at the

semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

- 5101 Data processing technologies, general
- 5102 Key punch operator and other input preparation technologies
- 5103 Computer programmer technologies
- 5104 Computer operator and peripheral equipment operation technologies
- 5105 Data processing equipment maintenance technologies
- 5199 Other, specify

5200 HEALTH SERVICES and PARAMEDICAL TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for health service related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

- 5201 Health services assistant technologies, general
- 5202 Dental assistant technologies
- 5203 Dental hygiene technologies
- 5204 Dental laboratory technologies
- 5205 Medical or biological laboratory assistant technologies
- 5206 Animal laboratory assistant technologies
- 5207 Radiologic technologies (X-ray, etc.)
- 5208 Nursing, R.N. (less than 4-year program)
- 5209 Nursing, practical (L.P.N. or L.V.N.—less than 4-year program)
- 5210 Occupational therapy technologies
- 5211 Surgical technologies
- 5212 Optical technologies (include ocular care, ophthalmic, optometric technologies)
- 5213 Medical record technologies

- 5214 Medical assistant and medical office assistant technologies
- 5215 Inhalation therapy technologies
- 5216 Psychiatric technologies (include mental health aide programs)
- 5217 Electro diagnostic technologies (include E.K.G., E.E.G., etc.)
- 5218 Institutional management technologies (rest home, etc.)
- 5219 Physical therapy technologies
- 5299 Other, specify

5300 MECHANICAL and ENGINEERING TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for mechanical and engineering related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

- 5301 Mechanical and engineering technologies, general
- 5302 Aeronautical and aviation technologies
- 5303 Engineering graphics (tool and machine drafting and design)
- 5304 Architectural drafting technologies
- 5305 Chemical technologies (include plastics)
- 5306 Automotive technologies
- 5307 Diesel technologies
- 5308 Welding technologies
- 5309 Civil technologies (surveying, photogrammetry, etc.)
- 5310 Electronics and machine technologies (television, appliance, office machine repair, etc.)
- 5311 Electromechanical technologies
- 5312 Industrial technologies
- 5313 Textile technologies
- 5314 Instrumentation technologies
- 5315 Mechanical technologies
- 5316 Nuclear technologies
- 5317 Construction and building technologies (carpentry, electrical work, plumbing, sheet metal, air conditioning, heating, etc.)
- 5399 Other, specify

5400 NATURAL SCIENCE TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs, etc. specifically associated with development of skills required for natural science related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

- 5401 Natural science technologies, general
- 5402 Agriculture technologies (include horticulture)
- 5403 Forestry and wildlife technologies (include fisheries)
- 5404 Food services technologies
- 5405 Home economics technologies
- 5406 Marine and oceanographic technologies
- 5407 Laboratory technologies, general
- 5408 Sanitation and public health inspection technologies (environmental health technologies)
- 5499 Other, specify

5500 PUBLIC SERVICE RELATED TECHNOLOGIES

Subject field designations which characterize students, faculty, facilities, degree and certificate programs etc. specifically associated with development of skills required for public service related occupations at the semiprofessional level. Two years of preparation beyond high school are usually sufficient for entrance into these occupational fields.

- 5501 Public service technologies, general
- 5502 Bible study or religion-related occupations
- 5503 Education technologies (teacher aide and 2-year teacher training programs)
- 5504 Library assistant technologies
- 5505 Police, law enforcement, corrections technologies
- 5506 Recreation and social work related technologies
- 5507 Fire control technology
- 5508 Public administration and management technologies
- 5599 Other, specify

AN INDEX OF DISCIPLINE SPECIALTIES

**Section I:
CONVENTIONAL ACADEMIC SUBDIVISIONS
OF KNOWLEDGE AND TRAINING**

**Section II:
TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS
LEADING TO ASSOCIATE DEGREES
AND OTHER AWARDS BELOW THE BACCALAUREATE**

In view of the length and comprehensive nature of the Taxonomy of Instructional Programs, it may sometimes be difficult to locate the appropriate reporting title for a specific instructional program. To assist with the look-up task, a summary list of the broad discipline divisions is shown below, and an alphabetic listing of all of the specialties is presented on the following pages.

SECTION I DISCIPLINE DIVISIONS

(Conventional academic subdivisions of knowledge and training)

Code	
0100	AGRICULTURE and NATURAL RESOURCES
0200	ARCHITECTURE and ENVIRONMENTAL DESIGN
0300	AREA STUDIES
0400	BIOLOGICAL SCIENCES
0500	BUSINESS and MANAGEMENT
0600	COMMUNICATIONS
0700	COMPUTER and INFORMATION SCIENCES
0800	EDUCATION
0900	ENGINEERING
1000	FINE and APPLIED ARTS
1100	FOREIGN LANGUAGES
1200	HEALTH PROFESSIONS
1300	HOME ECONOMICS
1400	LAW
1500	LETTERS
1600	LIBRARY SCIENCE
1700	MATHEMATICS

1800	MILITARY SCIENCES
1900	PHYSICAL SCIENCES
2000	PSYCHOLOGY
2100	PUBLIC AFFAIRS and SERVICES
2200	SOCIAL SCIENCES
2300	THEOLOGY
4900	INTERDISCIPLINARY STUDIES

SECTION II DISCIPLINE DIVISIONS

(Technological and occupational specialties related to curricula leading to associate degrees and other awards below the baccalaureate)

Code	
5000	BUSINESS and COMMERCE TECHNOLOGIES
5100	DATA PROCESSING TECHNOLOGIES
5200	HEALTH SERVICES and PARAMEDICAL TECHNOLOGIES
5300	MECHANICAL and ENGINEERING TECHNOLOGIES
5400	NATURAL SCIENCE TECHNOLOGIES
5500	PUBLIC SERVICE RELATED TECHNOLOGIES

Section I:

CONVENTIONAL ACADEMIC SUBDIVISIONS OF KNOWLEDGE AND TRAINING

Title	Code	Title	Code	Title	Code
Accounting	0502	Arabic	1112	Biomedical communication	1217
Administration, business	0506	Archeology	2203	Biomedical engineering	0905
Administration, educational	0827	Architectural engineering	0904	Biometrics	0419
Administration, public	2102	Architecture	0202	Biophysics	0415
Administration, special education	0809	Architecture, naval	0923	Biostatistics	0419
Adult education	0807	Art	1002	Black culture studies	2211
Advertising	0604	Art appreciation	1003	Botany, general	0402
Aeronautical engineering	0902	Art, commercial	1009	Business administration	0506
Aerospace engineering	0902	Art education	0831	Business, agricultural	0112
Aerospace science	1803	Art history	1003	Business economics	0517
African languages (non-Semitic)	1116	Asian studies, general	0301	Business education	0838
African studies	0305	Astronautical engineering	0902	Business, general	0501
Afro-American studies	2211	Astronomy	1911	Business, international	0513
Agricultural business	0112	Astrophysics	1912	Business management	0506
Agricultural economics	0111	Atmospheric sciences	1913	Business statistics	0503
Agricultural engineering	0903	Audiology	1220	Cafeteria management	1307
Agricultural management	0110	Bacteriology	0403	Catalan	1199
Agriculture, general	0101	Banking	0504	Cell biology	0417
Agriculture technologies	0116	Biblical languages	2303	Cell physiology	0417
Agronomy	0102	Biochemistry	0414	Ceramic engineering	0916
American Indian cultural studies	2212	Bioengineering	0905	Ceramics	1009
American studies	0313	Biological and physical sciences (interdisciplinary)	4902	Chemical engineering	0906
Analytical chemistry	1909	Biology, cellular	0417	Chemistry, general	1905
Anatomy	0412	Biology, general	0401	Child development	1305
Animal science	0104	Biology, marine	0418	Chinese	1107
Anthropology	2202	Biology, molecular	0416	Chiropractic	1221
Applied design	1009			Cinematography	1010
Applied mathematics	1793				

Title	Code	Title	Code	Title	Code
City planning	0206	Education, religious	2304	Health education	0837
Civil engineering	0908	Education of the visually handicapped	0814	Health professions, general	1201
Classics	1504	Educational administration	0827	Hebrew	1111
Clinical psychology	2003	Educational evaluation	0825	Helping services	2104
Clinical social work	1222	Educational measurement	0825	Higher education, general	0805
Clothing	1303	Educational psychology	0822	Histology	0413
Commerce education	0838	Educational research	0824	History	2205
Commerce, general	0501	Educational statistics	0824	History of education	0821
Commercial art	1009	Educational supervision	0828	Home decoration	1302
Communication media	0603	Educational testing	0825	Home economics, general	1301
Communications, general	0601	Electrical engineering	0909	Home equipment	1302
Communications engineering	0909	Electronics engineering	0909	Home management	1304
Community college education	0806	Elementary education, general	0802	Horticulture	0108
Community planning	0206	Embryology	0427	Hospital administration	1202
Community services, general	2101	Engineering, general	0901	Hotel management	0508
Comparative literature	1503	Engineering mechanics	0921	Humanities and social sciences (interdisciplinary)	4903
Computer programming	0704	Engineering and other disciplines (interdisciplinary)	4904	Husbandry, animal	0104
Computer sciences, general	0701	Engineering physics	0919	Husbandry, dairy	0105
Construction engineering	0908	Engineering technologies	0925	Ichthyology	0499
Consumer economics	1304	English as a foreign language	1508	India studies	0303
Continuing education	0807	English, general	1501	Indian (Asiatic)	1113
Corrections	2105	English, literature	1502	Industrial arts education	0839
Counseling, educational	0826	Entomology	0421	Industrial engineering	0913
Counseling, psychology for	2004	Environmental design, general	0201	Industrial psychology	2008
Creative writing	1507	Environmental engineering	0922	Industrial relations	0516
Criminology	2209	European studies, general	0310	Information sciences	0702
Crop management	0102	Experimental psychology (animal and human)	2002	Information sciences, general	0701
Curriculum	0829	Family life education	0837	Information systems	0702
Cytology	0417	Family relations	1305	Inorganic chemistry	1906
Dairy sciences	0105	Farm management	0110	Institutional management	1307
Dance	1008	Fashion design	1009	Instruction	0829
Danish	1114	Field crops	0102	Insurance	0512
Data processing	0703	Finance	0504	Interior decoration	1009
Debate	1506	Fine arts, general	1001	Interior design	0203
Demography	2215	Finnish	1199	International business	0513
Dental hygiene	1213	Fish management	0107	International public service	2106
Dental specialties	1205	Floriculture	0109	International relations	2210
Dental technologies	1224	Foods and nutrition	1306	Investments	0505
Dentistry, D.D.S. or D.M.D. degree	1204	Food science	0113	Islamic studies	0306
Developmental psychology	2009	Food technology	0113	Italian	1104
Dietetics	1306	Foreign languages, general	1101	Japanese	1108
Distributive education	0838	Forensic science	1506	Jewelry	1009
Dramatic arts	1007	Forestry	0114	Journalism	0602
Drawing	1002	Forestry technologies	0116	Junior college education	0806
Driver education	0836	French	1102	Junior high school education	0804
Earth sciences, general	1917	Fruit production	0108	Kindergarten education	0823
East Asian studies	0302	Game management	0107	Korean	1199
Eastern European studies	0311	General liberal arts and sciences (interdisciplinary)	4901	Labor relations	0516
Ecology	0420	Genetics	0422	Landscape architecture	0204
Economics	2204	Geochemistry	1915	Latin	1103
Economics, agricultural	0111	Geography	2206	Latin American studies	0308
Economics, business	0517	Geological engineering	0911	Law enforcement	2105
Education of the culturally disadvantaged	0813	Geology	1914	Law, general	1401
Education of the deaf	0812	Geophysical engineering	0912	Learning theory	0822
Education of the emotionally disturbed	0816	Geophysics	1916	Liberal arts and sciences (interdisciplinary)	4901
Education, general	0801	German	1103	Library science, general	1601
Education of the gifted	0811	Government	2207	Linnology	0499
Education of mentally retarded	0810	Greek, classical	1110	Linguistics	1505
Education of the multiple handicapped	0820	Guidance, education	0826	Literature, comparative	1503
Education of the physically handicapped	0819	Health care administration	1202	Literature, English	1502
				Management, business	0506
				Management, engineering	0913

CONVENTIONAL ACADEMIC SUBDIVISIONS

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Title	Code	Title	Code	Title	Code
Marine biology	0418	Pathology, plant	0404	Sanitary engineering	0922
Marine engineering	0923	Personnel management	0515	Sanskrit	1199
Marketing	0509	Petroleum engineering	0907	Scandinavian languages	1114
Materials engineering	0915	Petroleum refining	0906	Science education	0834
Mathematics, applied	1703	Pharmaceutical chemistry	1910	Sculpture	1002
Mathematics, education	0833	Pharmacology, animal	0409	Secondary education, general	0803
Mathematics, general	1701	Pharmacology, human	0409	Secretarial studies	0514
Mathematics, statistics	1702	Pharmacology, plant	0405	Securities	0505
Mechanical engineering	0910	Pharmacy	1211	Seismology	1916
Medical laboratory technologies	1223	Philology	1505	Semantics	1505
Medical record librarianship	1215	Philosophy	1509	Slavic languages (other than Russian)	1115
Medical specialties	1207	Philosophy of education	0821	Slavic studies	0307
Medicine, M.D. degree	1206	Phonetics	1505	Social foundations of education	0821
Metallurgical engineering	0914	Photography	1011	Social sciences, general	2201
Metallurgy	1920	Physical chemistry	1908	Social psychology	2005
Metalsmithing	1009	Physical education	0835	Social work	2104
Meteorology	1913	Physical sciences, general	1901	Sociology	2208
Mexican-American cultural studies	2213	Physical therapy	1212	Soil conservation	0103
Microbiology	0411	Physics, general	1902	Soil management	0103
Middle Eastern studies	0309	Physiological psychology	2010	Soil science	0103
Military science	1801	Physiology, animal	0410	South Asian studies	0303
Mineral engineering	0918	Physiology, human	0410	Southeast Asian studies	0304
Mining, engineering	0918	Physiology, plant	0406	Spanish	1105
Molecular biology	0416	Plant pathology	0404	Special education, general	0808
Molecular physics	1903	Plant pharmacology	0405	Special learning disabilities	0818
Music (liberal arts program)	1005	Plant physiology	0406	Speech	1506
Music appreciation	1006	Podiatry	1216	Speech correction	0815
Music, composition	1004	Political science	2207	Speech pathology	1220
Music education	0832	Poultry science	0106	Statistics, mathematical and theoretical	1702
Music history	1006	Pre-elementary education	0823	Statistics in psychology	2007
Music, performing	1004	Programming, computer	0704	Student personnel	0826
Music, theory	1004	Psychology, clinical	2003	Swedish	1114
Musicology	1006	Psychology for counseling	2004	Systems analysis	0705
Natural resources management	0115	Psychology, developmental	2009	Systems, information	0702
Naval architecture	0923	Psychology, education	0822	Teaching of English as a foreign language	1508
Naval science	1802	Psychology, general	2001	Technical education	0839
Neurosciences	0425	Psychology, industrial	2008	Television	0603
Norwegian	1114	Psychology, physiological	2010	Textile design	1009
Nuclear engineering	0920	Psychology, social	2005	Textile engineering	0917
Nuclear physics	1904	Psychometrics	2006	Textiles, home economics	1303
Nursery science	0109	Public address	1506	Theological professions, general	2301
Nursing (baccalaureate and higher programs)	1203	Public administration	2102	Toxicology	0426
Nutrition, scientific	0424	Public health	1214	Transportation	0510
Occupational therapy	1208	Public utilities	0510	Transportation engineering	0908
Ocean engineering	0924	Purchasing	0509	Urban architecture	0205
Oceanography	1919	Radio	0603	Urban studies	2214
Operations research	0507	Radiobiology	0423	Vegetable production	0108
Optometry	1209	Radiologic technologies	1225	Veterinary medicine, D.V.M. degree	1218
Organic chemistry	1907	Range management	0117	Veterinary medicine specialties	1219
Ornamental horticulture	0109	Reading education	0830	Vietnamese	1199
Ornithology	0499	Real estate	0511	Vocational education	0839
Osteopathic medicine, D.O. degree	1210	Recreation management	2103	Weaving	1009
Pacific area studies	0314	Regional planning	0206	West European studies	0312
Painting	1002	Rehabilitation services	1222	Wildlife management	0107
Paleontology	1918	Religious education	2304	Writing, creative	1507
Parasitology	0499	Religious music	2302	Zoology, general	0407
Park management	2103	Religious studies	1510		
Pathology, animal	0408	Remedial education	0817		
Pathology, human	0408	Restaurant management	0508		
		Rhetoric	1506		
		Russian	1106		
		Russian studies	0307		
		Safety education	0836		

Section II:

TECHNOLOGICAL AND OCCUPATIONAL CURRICULUMS LEADING TO ASSOCIATE DEGREES AND OTHER AWARDS BELOW THE BACCALAUREATE

Title	Code	Title	Code	Title	Code
Accounting technologies	5002	Finance technologies	5003	Occupational therapy technologies	5210
Advertising design technologies	5012	Fine arts, technologies	5012	Oceanographic technologies	5406
Advertising technologies	5004	Fire control technology	5507	Ocular care, technologies	5212
Aeronautical technologies	5302	Fisheries technologies	5403	Office machine repair technologies	5310
Agriculture technologies	5402	Food services technologies	5404	Office machine training	5005
Air conditioning technologies	5317	Forestry technologies	5403	Ophthalmic, technologies	5212
Airport management technologies	5004	Graphic arts technologies	5012	Optical technologies	5212
Animal laboratory assistant technologies	5206	Health services assistant technologies, general	5201	Optometric, technologies	5212
Appliance repair technologies	5310	Heating technologies	5317	Personal service technologies	5006
Applied arts technologies	5012	Home economics technologies	5405	Personnel management technologies	5004
Architectural drafting technologies	5304	Horticulture technologies	5402	Photogrammetry, technologies	5309
Automotive technologies	5306	Hospital food service technologies	5404	Photography technologies	5007
Aviation technologies	5302	Hotel management technologies	5010	Physical therapy technology	5219
Banking technologies	5003	Industrial management technologies	5004	Plastics technologies	5305
Bible study	5502	Industrial technologies	5312	Plumbing technologies	5317
Biological laboratory assistant technologies	5205	Inhalation therapy technologies	5215	Police technologies	5505
Broadcasting technologies	5008	Input preparation technologies	5102	Printing technologies	5009
Building technologies	5317	Institutional management technologies	5218	Programmer technologies	5103
Business management technologies	5004	Instrumentation technologies	5314	Psychiatric technologies	5216
Business technologies, general	5001	Insurance technologies	5004	Public administration and management technologies	5508
Carpentry technologies	5317	Key punch operator technologies	5102	Public health inspection technologies	5408
Chemical technologies	5305	Laboratory technologies, general	5407	Public service technologies, general	5501
Civil technologies	5309	Landscape technologies	5402	Public utility technologies	5011
Commerce technologies, general	5001	Law enforcement technologies	5505	Purchasing technologies	5004
Communications technologies	5008	Library assistant technologies	5504	Radio broadcasting technologies	5008
Computer operator technologies	5104	Lithography technologies	5009	Radio repair technologies	5310
Computer, peripheral equipment operation technologies	5104	Machine drafting and design technologies	5303	Radiologic technologies	5207
Computer programmer technologies	5103	Machine repair technologies	5310	Real estate technologies	5004
Construction technologies	5317	Marina management technologies	5004	Recreation technologies	5506
Corrections technologies	5505	Marine technologies	5406	Religion related occupations	5502
Cosmetologist	5006	Marketing technologies	5004	Rest home management technology	5218
Data processing equipment maintenance technologies	5105	Mechanical technologies, general	5301	Restaurant management technologies	5010
Data processing technologies, general	5101	Medical assistant technologies	5214	Sales technologies	5004
Dental assistant technologies	5202	Medical laboratory assistant technologies	5205	Sanitation technologies	5408
Dental hygiene technologies	5203	Medical office assistant technologies	5214	Secretarial technologies	5005
Dental laboratory technologies	5204	Medical record technologies	5213	Sheet metal technologies	5317
Diesel technologies	5307	Mental health aide programs	5216	Social work related technologies	5506
Distribution technologies	5004	Natural science technologies, general	5401	Stewardess preparation	5006
Drafting, architectural	5304	Newspaper communication technologies	5008	Surgical technologies	5211
Education technologies	5503	Nuclear technologies	5316	Surveying technologies	5309
Electrician technologies	5317	Nursing, practical (L.P.N. or L.V.N.)	5209	Teacher aide preparation	5503
Electro diagnostic technologies	5217	Nursing R.N. preparation	5208	Television broadcasting technologies	5008
Electromechanical technologies	5311			Television repair technologies	5310
Electronics and machine technologies	5310			Textile technologies	5313
Engineering graphics	5303			Tool design technologies	5303
Engineering technologies, general	5301			Transportation technologies	5011
Environmental health technologies	5408			Welding technologies	5308
				Wildlife technologies	5403
				X-ray technologies	5207

APPENDIX TRANSLATION TABLES

- 1. HEGIS DEGREES AND OTHER FORMAL AWARDS
CONFERRED BETWEEN JULY 1, 1968,
AND JUNE 30, 1969**
- 2. HIGHER EDUCATION FACILITIES CLASSIFICATION**
- 3. VOCATIONAL EDUCATION AND OCCUPATIONS
CLASSIFICATION SYSTEMS**
- 4. INTERAGENCY CLASSIFICATION OF FIELDS OF
SCIENCE AND ENGINEERING**

1. TRANSLATION TABLE FOR HEGIS DEGREES AND OTHER FORMAL AWARDS CONFERRED BETWEEN JULY 1, 1968, AND JUNE 30, 1969

HEGIS 1968-69

Discipline specialty

NEW HEGIS TAXONOMY

Discipline specialty

FIRST-PROFESSIONAL DEGREES

Chiropody or podiatry (D.S.C. or Pod. D.)	4401
Dentistry (D.D.S. or D.M.D.)	4407
Medicine (M.D.)	4416
Optometry (O.D.)	4425
Osteopathy (D.O.)	4428
Veterinary medicine (D.V.M.)	4443
Law (LL.B. or J.D.)	5000
Theology (B.D., Rabbi, etc.)	7404

Code

1216	Podiatry, Pod.D., D.P., or D.F.M.
1204	Dentistry, D.D.S., or D.M.D.
1206	Medicine, M.D.
1209	Optometry
1210	Osteopathic medicine, D.O.
1218	Veterinary Medicine, D.V.M.
1401	Law, general
2301	Theological professions

BACHELOR'S, MASTER'S, AND DOCTOR'S DEGREES

Agriculture

Agriculture, general	1001
Agriculture, business	1003
Agronomy, field crops	1002
Animal science	1004
Dairy science	1007
Farm management	1013
Fish, game, or wildlife management	1014
Food science	1016
Horticulture	1019
International agriculture	1020
Ornamental horticulture	1022
Poultry science	1025
Soil science	1028
Other agriculture	*1037

0101	Agriculture, general
0112	Agricultural business
0102	Agronomy, field crops, and crop management
0104	Animal science (husbandry)
0105	Dairy science (husbandry)
0110	Agricultural and farm management
0107	Fish, game, and wildlife management
0113	Food science and technology
0108	Horticulture
0199	Other, specify
0109	Ornamental horticulture
0106	Poultry science
0103	Soils science
0199	Other, specify

Architecture

	*1400
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0201	Environmental design, general
0202	Architecture
0203	Interior design
0204	Landscape architecture
0205	Urban architecture
0299	Other, specify

City Planning

	1500
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0206	City, community, and regional planning
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Biological Sciences

Premedical, pre dental, and pre veterinary sciences	*1701
Biology, general	1704
Botany, general	1707
Zoology, general	1710
Anatomy, histology	*1713
Bacteriology, virology, mycology, parasitology, microbiology	*1716
Biochemistry	1721
Biophysics	1724
Cytology	1727
Ecology	1729
Embryology	1730
Entomology	1733
Genetics	1736
Molecular biology	1738
Nutrition	1737
Optometry (preprofessional)	1739
Pathology	1742
Pharmacology	*1745

0401	Biology, general
0402	Botany, general
0407	Zoology, general
0412	Anatomy
0413	Histology
0403	Bacteriology
0411	Microbiology
0499	Other, specify
0414	Biochemistry
0415	Biophysics
0417	Cell biology
0420	Ecology
0427	Embryology
0421	Entomology
0422	Genetics
0416	Molecular biology
0424	Nutrition, scientific
1209	Optometry
0408	Pathology, human and animal
0405	Plant pharmacology
0409	Pharmacology, human and animal

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968-69

Discipline specialty

	Code	Code
Physiology	1748	0410
Plant pathology	1751	0404
Plant physiology	1754	0406
Other biological sciences	*1757	0499
Business and Commerce		
Business and commerce, general	2001	0501
Accounting	2002	0502
Finance, banking	2003	0504
Hotel or restaurant administration	2004	0508
Marketing	2005	0509
Real estate, insurance	*2006	0511
		0512
Secretarial studies	2007	0514
Transportation	2016	0510
Other business and commerce	*2056	0599
Computer Science and Systems Analysis		
Data processing	2105	0703
Computer science	2110	0701
Systems analysis	2120	0705
Other computer science	*2198	0799
Education		
Physical education	2301	0835
Health education	2304	0837
Recreation	*2307	0835
		2103
Education of the mentally retarded	2308	0810
Education of the gifted	2309	0811
Education of the deaf	2310	0812
Speech and hearing impaired	*2311	0815
		0820
Education of the visually handicapped	*2312	0814
Education of the emotionally disturbed	2313	0816
Special learning disability	2314	0818
Education of the crippled	2315	0819
Education of the multiple handicapped	2316	0820
Administration of special education	2317	0809
Education of exceptional children (other special education)	*2318	0899
Agricultural education	2319	0899
Art education	2322	0831
Business education, commerce education	2325	0838
Distributive education, retail selling	2328	0838
Home economics education	2331	0899
Industrial arts education	2333	0839
Music education	2336	0832
Trade or industrial education, vocational	2339	0839
Nursery, kindergarten education	2350	0823
Early childhood education	2353	0802
Elementary education	2356	0802
Secondary education, including junior high school	*2359	0803
		0804
Combined elementary and secondary education	2362	0801
Adult education	2365	0807
Educational administration, supervision, finance	*2371	0827
		0828
Education specialist	*2370	
Counseling and guidance	2372	0826
Rehabilitation counselor training	*2373	0826

NEW HEGIS TAXONOMY

Discipline specialty

Physiology, human and animal
Plant pathology
Plant physiology
Other, specify
Business and commerce, general
Accounting
Banking and finance
Hotel and restaurant management
Marketing and purchasing
Real estate
Insurance
Secretarial studies
Transportation and public utilities
Other, specify
Data processing
Computer and information sciences, general
Systems analysis
Other, specify
Physical education
Health education
Physical education
Parks and recreation management
Education of the mentally retarded
Education of the gifted
Education of the deaf
Speech correction
Education of the multiple handicapped
Education of the visually handicapped
Education of the emotionally disturbed
Special learning disabilities
Education of the physically handicapped
Education of the multiple handicapped
Administration of special education
Other, specify
Other, specify
Art education
Business, commerce, and distributive education
Business, commerce, and distributive education
Other, specify
Industrial arts, vocational, and technical education
Music education
Industrial arts, vocational, and technical education
Pre-elementary education (kindergarten)
Elementary education
Elementary education
Secondary education, general
Junior high school education
Education, general
Adult and continuing education
Educational administration
Educational supervision
Student personnel (counseling and guidance)
Student personnel (counseling and guidance)

* Accurate translation will require examination of the program to determine primary emphasis.

1. HEGIS DEGREES AND OTHER AWARDS

23

HEGIS 1968-69

Discipline specialty

NEW HEGIS TAXONOMY

Discipline specialty

	Code	Code	
History, philosophy or theory of education; comparative education	2374	0821	Social foundations (history and philosophy of education)
Curriculum, instruction	2375	0829	Curriculum and instruction
Education, general	2376	0801	Education, general
Educational psychology	2377	0822	Educational psychology
Physical education, nonteaching	2378	0835	Physical education
Preprofessional bachelor's degree in education	2380	0801	Education, general
Other education fields	*2342	0899	Other, specify
	*2368		
	*2382		
Engineering			
Aerospace, aeronautical, astronautical engineering	2602	0902	Aerospace, aeronautical, and astronautical engineering
Agricultural engineering	2607	0903	Agricultural engineering
Architectural engineering	2608	0904	Architectural engineering
Biomedical engineering	2610	0905	Bioengineering and biomedical engineering
Ceramic engineering	2612	0916	Ceramic engineering
Chemical engineering, petroleum refining engineering	2614	0906	Chemical engineering (include petroleum refining)
Civil, construction, transportation engineering	2621	0908	Civil, construction, and transportation engineering
Electrical engineering	2632	0909	Electrical, electronics, and communications engineering
Engineering sciences, mechanics, physics; science engineering	*2645	0919	Engineering physics
Environmental health, sanitary engineering	2646	0921	Engineering mechanics
General engineering	2647	0922	Environmental and sanitary engineering
Geological, geophysical engineering; mining geology	*2649	0901	Engineering, general
Industrial and management engineering	2653	0911	Geological engineering
Mechanical engineering	2660	0912	Geophysical engineering
Metallurgical and materials engineering; materials science	*2670	0913	Industrial and management engineering
Mining and mineral engineering	2672	0910	Mechanical engineering
Naval architecture and marine engineering	2674	0914	Metallurgical engineering
Nuclear engineering	2676	0915	Materials engineering
Petroleum engineering	2678	0918	Mining and mineral engineering
Other engineering	*2697	0923	Naval architecture and marine engineering
		0920	Nuclear engineering
		0907	Petroleum engineering
		0999	Other, specify
English and Journalism			
English, literature, creative writing, language arts, comparative literature	*2901	1501	English, general
		1502	Literature, English
		1507	Creative writing*
		1504	Classics
		1503	Comparative literature
Journalism	2904	0602	Journalism
Fine and Applied Arts			
Art, general	3201	1002	Art (painting, drawing, sculpture)
Music, sacred music	3204	1004	Music (performing, composition, theory)
		1005	Music (liberal arts program)
		1006	Music history and appreciation (musicology)
Speech and dramatic arts	*3207	2302	Religious music
Other fine and applied arts	*3213	1506	Speech, debate, and forensic science
		1007	Dramatic arts
		1099	Other, specify

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968-69

Discipline specialty

NEW HEGIS TAXONOMY

Discipline specialty

	Code	Code	
Folklore	3300	1599	Other, specify
Foreign Languages and Literature			
Linguistics (phonetics and semantics)	3501	1505	Linguistics (include phonetics, semantics, and philology)
Latin, classical Greek	*3511	1109	Latin
		1110	Greek, classical
Modern languages (three or more)	3513	1101	Foreign languages, general
French	3520	1102	French
Italian	3522	1104	Italian
Portuguese	3524	1199	Other, specify
Spanish	3526	1105	Spanish
Philology and literature of Romance languages	3528	1101	Foreign languages, general
German	3540	1103	German
Other Germanic languages	*3546	1114	Scandinavian languages
		1199	Other, specify
Arabic	3560	1112	Arabic
Chinese	3564	1107	Chinese
Hebrew	3568	1111	Hebrew
Hindi, Urdu	3572	1113	Indian (Asiatic)
Japanese	3576	1108	Japanese
Russian	3580	1106	Russian
Other Slavic languages	3586	1115	Slavic languages (other than Russian)
Other foreign languages	3590	1199	Other, specify
Forestry	3800	0114	Forestry
Geography	4100	2206	Geography
Health Professions			
Chiropody or podiatry	4401	1216	Podiatry
Dental hygiene	4404	1213	Dental hygiene
Hospital administration	4410	1202	Hospital and health care administration
Medical technology	4413	1223	Medical laboratory technologies
Nursing; public health nursing	4419	1203	Nursing
Occupational therapy	4422	1208	Occupational therapy
Optometry	4425	1209	Optometry
Osteopathy	4428	1210	Osteopathic medicine
Pharmacy	4431	1211	Pharmacy
Physical therapy	4434	1212	Physical therapy
Public health	4437	1214	Public health
Radiologic technology	4440	1225	Radiologic technologies
Clinical dental sciences (degrees beyond D.D.S. or D.M.D.)	4446	1205	Dental specialties (work beyond D.D.S.)
Clinical medical sciences (work or degrees beyond M.D.)	4449	1207	Medical specialties (work beyond M.D.)
Clinical veterinary medical sciences	4452	1219	Veterinary medicine specialties (work beyond D.V.M.)
Other health professions	*4455	1299	Other, specify
Home Economics			
Home economics, general	4701	1301	Home economics, general
Child development, family relations	4704	1305	Family relations and child development
Clothing, textiles	4707	1303	Clothing and textiles
Foods and nutrition	4710	1306	Foods and nutrition
Institution management	4713	1307	Institutional and cafeteria management
Other home economics	*4719	1399	Other, specify
Law	5000	1401	Law, general
Library Science	5300	1601	Library science, general

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS DEGREES AND OTHER AWARDS

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HEGIS 1968-69

Discipline specialty

Code

Mathematical Sciences

Mathematics	*5601
Statistics	5607

Military Science

Merchant Marine (deck officer)	5910
Military, Naval, or Air Force	*5920

Philosophy

Philosophy	6501
Scholastic philosophy	6504

Physical Sciences

Physical sciences, general	6801
Astronomy	6804
Chemistry	*6807

Metallurgy	6810
Meteorology	6813
Pharmaceutical chemistry	6815
Physics	*6816

Earth sciences, general	6818
Geology	6819
Geophysics and seismology	6822
Oceanography	6825
Other earth sciences	*6828
Other physical sciences	*6831

Psychology

General psychology	7101
Clinical psychology	7102
Counseling and guidance (psychology majors)	7103
Social psychology	7104
Rehabilitation counselor training	7105
Educational psychology	7106
Other psychology	*7110

Records Management

7300

Religion

Religious education, Bible	7401
Theology	7407
Religion, liberal arts curriculum, nonsectarian	7410
Other religion	7413

Social Sciences

Social sciences, general	7701
American studies	7704
Anthropology	7707
Area studies, regional studies	*7710

NEW HEGIS TAXONOMY

Discipline specialty

Code

1701	Mathematics, general
1703	Applied mathematics
1702	Statistics, mathematical and theoretical
1899	Other, specify
1801	Military science (Army)
1802	Naval science (Navy, Marines)
1803	Aerospace science (Air Force)

1509	Philosophy
1509	Philosophy

1901	Physical sciences, general
1911	Astronomy
1905	Chemistry, general (exclude biochemistry)
1906	Inorganic chemistry
1907	Organic chemistry
1908	Physical chemistry
1909	Analytical chemistry
1920	Metallurgy
1913	Atmospheric sciences and meteorology
1910	Pharmaceutical chemistry
1902	Physics, general (exclude biophysics)
1903	Molecular physics
1904	Nuclear physics
1917	Earth sciences, general
1914	Geology
1916	Geophysics and seismology
1919	Oceanography
1999	Other, specify
1999	Other, specify

2001	Psychology, general
2003	Clinical psychology
2004	Psychology for counseling
2005	Social psychology
2004	Psychology for counseling
0822	Educational psychology
2099	Other, specify

1215	Medical record librarianship
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2304	Religious education
2301	Theological professions, general
1510	Religious studies (exclude theological professions)
2399	Other, specify

2201	Social sciences, general
0313	American studies
2202	Anthropology
0301	Asian studies, general
0302	East Asian studies
0303	South Asian (India, etc.) studies
0304	Southeast Asian studies
0305	African studies
0306	Islamic studies

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968-69

Discipline specialty

Code

Economics	7713
History	7716
International relations	7719
Political science, government	7722
Sociology	7725
Other basic social sciences	*7728
Agricultural economics	7731
Foreign service programs	*7734
Industrial relations	7737
Public administration	7740
Social work	7743
Other applied social sciences	*7746

Trade or Industrial Training 8000

Broad General Curriculums and Miscellaneous Fields

Arts, general program	8301
Sciences, general program	8304
Arts and sciences, general program	8307
Teaching of English as a foreign language	8310
Other interarea studies	*8313

DEGREES AND COMPLETIONS BASED ON LESS THAN 4 YEARS OF WORK BEYOND HIGH SCHOOL

Engineering—Related Curriculums

Aeronautical technology	2606
Architectural or building technology	*2610
Chemical technology	2619
Civil technology	2630
Electrical or electronics technology	*2636
Industrial technology	2658
Instrumentation technology	2662
Mechanical technology	2668
Metallurgical technologies	*2675
Nuclear technologies	2677
Other engineering-related curriculums	*2698

Science—Related Curriculums

Agriculture	1034
Forestry	3900
Other science-related curriculums	*4920

Health Service Curriculums

Dental assistant	4402
Dental hygiene	4403

NEW HEGIS TAXONOMY

Discipline specialty

Code

0307	Russian and Slavic studies
0308	Latin American studies
0309	Middle Eastern studies
0310	European studies, general
0311	Eastern European studies
0312	West European studies
0314	Pacific area studies
0399	Other, specify
2204	Economics
2205	History
2210	International relations
2207	Political science and government
2208	Sociology
2299	Other, specify
0111	Agricultural economics
2207	Political science and government
2210	International relations
2299	Other, specify
0516	Labor and industrial relations
2102	Public administration
2104	Social work and helping services
2299	Other, specify

0925 Engineering technologies

4903	Humanities and social sciences
4902	Biological and physical sciences
4901	General liberal arts and sciences
1508	Teaching of English as a foreign language
4999	Other, specify

5302	Aeronautical and aviation technologies
5304	Architectural drafting technologies
5317	Construction and building technologies
5305	Chemical technologies (include plastics)
5309	Civil technologies
5310	Electronics and machine technologies (appliance repair)
5311	Electromechanical technologies
5317	Construction and building technologies
5312	Industrial technologies
5314	Instrumentation technologies
5315	Mechanical technologies
5399	Other, specify
5316	Nuclear technologies
5399	Other, specify

5402	Agricultural technologies
5403	Forestry and wildlife technologies
5499	Other, specify

5202	Dental assistant technologies
5203	Dental hygiene technologies

* Accurate translation will require examination of the program to determine primary emphasis.

HEGIS 1968-69
Discipline specialty

	<i>Code</i>
Dental laboratory assistant	4405
Electroencephalograph technician	4408
Inhalation therapy technician	4411
Medical or biological laboratory technician	4414
Medical X-ray technician	4439
Nursing, practical	4417
Nursing, associate degree or diploma program	4418
Occupational therapy assistant	4424
Optician	4430
Surgical technician	4450
Other health service curriculums	*4498
Business and Commerce—Related Curriculums	
General business, business administration	2054
Accounting	2060
Business data processing	*2065
Marketing, distributive education, retail selling	2070
Secretarial studies	2080
Other business and commerce-related curriculums	*2095
Other	
Scientific data processing	*2190
Bible study, religious work	7490
Education (2-year training)	2360
Fine, applied, or graphic arts	3294
Home economics	4780
Library assistant or technical aide	5310
Police technology, law enforcement	7742
Other nonscience- and non-engineering-related	*8350

NEW HEGIS TAXONOMY
Discipline specialty

	<i>Code</i>
Dental laboratory technologies	5204
Electro diagnostic technologies	5217
Inhalation therapy technologies	5215
Medical or biological laboratory assistant technologies	5205
Radiologic technologies	5207
Nursing, practical (L.V.N. or L.P.N.)	5209
Nursing, R.N. preparation	5208
Occupational therapy technologies	5210
Optical technologies	5212
Surgical technologies	5211
Other, specify	5299
Business and commerce technologies, general	5001
Accounting technologies	5002
Data processing technologies, general	5101
Other, specify	5199
Marketing, distribution, purchasing, business, and industrial management technologies	5004
Secretarial technologies	5005
Other, specify	5099
Data processing technologies, general	5101
Key punch operator and other input preparation technologies	5102
Computer programmer technologies	5103
Computer operator and peripheral equipment operation technologies	5104
Data processing equipment maintenance technologies	5105
Other, specify	5199
Bible study or religion-related occupations	5502
Education technologies	5503
Applied arts, graphic arts, and fine arts technologies	5012
Home economics technologies	5405
Library assistant technologies	5504
Police, law enforcement, corrections technologies	5505

2. TRANSLATION TABLE FOR HIGHER EDUCATION FACILITIES CLASSIFICATION
FACILITIES CLASSIFICATION
Department of instruction or research

	<i>Code</i>
Life Sciences	
Biological sciences	1210
Agricultural sciences	1220
Health sciences	1230
Medicine	1231
Veterinary medicine	1232
Dentistry	1233
Nursing	1234
Pharmacy	1235
Public health	1236

NEW HEGIS TAXONOMY
Discipline division or subdivision

	<i>Code</i>
Biological sciences	0400
Agriculture and natural resources	0100
Health professions	1200
Medicine, M.D.	1206
Veterinary medicine, D.V.M.	1218
Dentistry, D.D.S. or D.M.D.	1204
Nursing	1203
Pharmacy	1211
Public health	1214

* Accurate translation will require examination of the program to determine primary emphasis.

FACILITIES CLASSIFICATION*Department of instruction or research*

	<i>Code</i>
Other	1238
General	1239
General life sciences	*1299
MCPE Sciences	
Mathematical sciences	1310
Computer sciences	1320
Physical sciences	1330
Engineering sciences	1340
General MCPE sciences	*1399
Behavioral Sciences	
Psychology	1410
Social sciences	*1420
General behavioral sciences	*1499
Humanities	
Fine arts	1510
Letters	1520
General humanities	*1599
Professions	
Administrative professions	*1610
Education	1620
Environmental design	1630
Home economics	1640
Law	1650
Social work	1660
Theology	1670
Other professions	*1690
General professions	*1699
Technical—Vocational	
Agricultural	1705
Apparel	1710
Business	1715
Construction	1720
Engineering and industrial	*1725
Graphic arts	*1730
Health	1735
Public service	1750
Transportation	*1760
Other	*1790
General	*1799
Physical Education and Military Science	
Physical education	1810
Military sciences	1820

NEW HEGIS TAXONOMY*Discipline specialty*

<i>Code</i>	
1299	Health professions, other
1201	Health professions, general
1700	Mathematics
0700	Computer and information sciences
1900	Physical sciences
0900	Engineering
2000	Psychology
2200	Social sciences
0300	Area studies
1000	Fine and applied arts
1500	Letters
0506	Business management and administration
0827	Educational administration
2102	Public administration
0800	Education
0200	Architecture and environment design
1300	Home economics
1400	Law
2104	Social work and helping services
2300	Theology
5402	Agricultural technologies
5405	Home economics technologies
5000	Business and commerce technologies
5317	Construction and building technologies
5301	Mechanical and engineering technologies, general
5312	Industrial technologies
5012	Applied arts, graphic arts, and fine arts, technologies
5007	Photography technologies
5009	Printing and lithography technologies
5200	Health services and paramedical technologies
5500	Public service related technologies
5011	Transportation and public utility technologies
5302	Aeronautical and aviation technologies
5306	Automotive technologies
5307	Diesel technologies
0835	Physical education
1800	Military sciences

* Accurate translation will require examination of the program to determine primary emphasis.

3. TRANSLATION TABLE FOR VOCATIONAL EDUCATION AND OCCUPATIONS CLASSIFICATION SYSTEMS

VOCATIONAL/OCCUPATIONAL CLASSIFICATIONS		NEW HEGIS TAXONOMY	
<i>Technical education title (16.000000)</i>		<i>Discipline specialty</i>	
	<i>Code</i>	<i>Code</i>	
Engineering-related technology	16.01	5300	Mechanical and engineering technologies
Aeronautical technology	0101	5302	Aeronautical and aviation technologies
Agricultural technology	0102	5301	Mechanical and engineering technologies, general
Agricultural electrification technology	010201	5317	Construction and building technologies
Agricultural machinery and equipment technology	010202	5301	Mechanical and engineering technologies, general
Agricultural structures and conveniences	010203	5317	Construction and building technologies
Agricultural technology, other	010299	5301	Mechanical and engineering technologies, general
Architectural technology (building construction)	0103	5317	Construction and building technologies
Automotive technology	0104	5306	Automotive technologies
Chemical technology	0105	5305	Chemical technologies
Civil technology	0106	5309	Civil technologies
Roadway technology	010601	5309	Civil technologies
Sanitation technology	010602	5309	Civil technologies
Structural technology	010603	5309	Civil technologies
Civil technology, other	010699	5309	Civil technologies
Electrical technology	*0107	5310	Electronics and machine technologies
		5311	Electromechanical technologies
		5317	Construction and building technologies (electrician)
Electronic technology	0108	5310	Electronics and mechanical technologies
Electromechanical technology	0109	5311	Electromechanical technologies
Environmental control technology	0110	5317	Construction and building technologies
Cooling	011001	5317	Construction and building technologies
Heating	011002	5317	Construction and building technologies
Refrigeration	011003	5317	Construction and building technologies
Environmental control technology, other	011099	5317	Construction and building technologies
Industrial technology	0111	5312	Industrial technologies
Instrumentation technology	0112	5314	Instrumentation technologies
Mechanical technology	0113	5315	Mechanical technologies
Energy conversion	011301	5315	Mechanical technologies
Machine and tool design	011302	5303	Engineering graphics (tool and machine drafting and design)
Production	011303	5315	Mechanical technologies
Mechanical technology, other	011399	5315	Mechanical technologies
Metallurgical technology	0114	5312	Industrial technologies
Nuclear technology	0115	5316	Nuclear technologies
Petroleum technology	0116	5312	Industrial technologies
Scientific data processing	*0117	5101	Data processing technologies, general
		5102	Key punch operator and other input preparation technologies
		5103	Computer programmer technologies
		5104	Computer operator technologies
		5105	Data processing equipment maintenance technologies
		5199	Other, specify
Engineering-related technology, other	*0199	5399	Other, specify
Agricultural-related technology	02	5400	Natural science technologies
Animal science	0201	5402	Agriculture technologies
Dairy technology	0202	5402	Agriculture technologies
Food processing technology	0203	5404	Food services technologies
Plant science	0204	5402	Agriculture technologies
Agricultural-related technology, other	*0299	5499	Other, specify
Health-related technology	03	5200	Health services and paramedical technologies
Dental hygiene (associate degree)	0301	5203	Dental hygiene technologies
Electroencephalograph technician	0302	5217	Electro diagnostic technologies

* Accurate translation will require examination of the program to determine primary emphasis.

OCCUPATIONAL CLASSIFICATIONS*Technical education title (16.000000)*

	<i>Code</i>	<i>Code</i>
Medical laboratory assistant	0303	5205
Radiologic technology (X-ray)	0304	5207
Nursing (associate degree)	0305	5208
Health-related technology, other	*0399	5299
Office-related technology	*04	5000
		5100
Computer programmer	0401	5103
Systems analyst technology	0402	5101
Office-related technology, other	*0499	5199
		5099
Home economics-related technology	05	5400
Child care center assistant	0501	
Hospital children's division assistant	0502	
Teacher's assistant at preprimary level	0503	5405
Food service supervisor	0504	
Interior decorator assistant	0505	
Home equipment demonstrator	0506	
Home economics-related technology, other	*0599	5499
Miscellaneous technical education	*06	5300
		5400
		5500
Commercial pilot training	0601	5302
Fire and safety technology	0602	5507
Forestry technology	0603	5403
Oceanographic technology	0604	5406
Police (law enforcement and corrections)		
science technology	0605	5505
Miscellaneous technical education, other	*0699	5099
		5199
		5299
		5399
		5499
		5599

NEW HEGIS TAXONOMY*Discipline specialty*

Medical or biological laboratory assistant technologies
Radiologic technologies (X-ray)
Nursing, R.N. preparation
Other, specify
Business and commerce technologies
Data processing technologies
Computer programmer technologies
Data processing technologies, general
Other, specify
Other, specify
Natural science technologies
Home economics technologies
Other, specify
Mechanical and engineering technologies
Natural science technologies
Public service related technologies
Aeronautical and aviation technologies
Fire control technology
Forestry and wildlife technologies
Marine and oceanographic technologies
Police, law enforcement, corrections technologies
Other, specify
Other, specify
Other, specify
Other, specify
Other, specify
Other, specify
Other, specify

4. TRANSLATION TABLE FOR INTERAGENCY CLASSIFICATION OF FIELDS OF SCIENCE AND ENGINEERING

INTERAGENCY CLASSIFICATIONS*Discipline specialty***NEW HEGIS TAXONOMY***Discipline specialty*

	<i>Code</i>	<i>Code</i>	
Physical Sciences			
Astronomy	11	1911	Astronomy
Chemistry	*12	1905	Chemistry, general
		1906	Inorganic chemistry
		1907	Organic chemistry
		1908	Physical chemistry
		1909	Analytical chemistry
		1910	Pharmaceutical chemistry
		0414	Biochemistry
Physics	*13	1902	Physics, general
		1903	Molecular physics
		1904	Nuclear physics
		0415	Biophysics
Physical sciences, not elsewhere classified	*19	1901	Physical sciences, general
		1999	Other, specify

* Accurate translation will require examination of the program to determine primary emphasis.

4. FIELDS OF SCIENCE AND ENGINEERING

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INTERAGENCY CLASSIFICATIONS

NEW HEGIS TAXONOMY

<i>Discipline specialty</i>	<i>Code</i>	<i>Code</i>	<i>Discipline specialty</i>
Mathematics	*21	1701	Mathematics, general
		1702	Statistics, mathematical and theoretical
		1703	Applied mathematics
		1799	Other, specify
Environmental Sciences			
Atmospheric sciences	31	1913	Atmospheric sciences and meteorology
Geological sciences	*32	1914	Geology
		1915	Geochemistry
		1916	Geophysics and seismology
		1917	Earth sciences, general
Oceanography	33	1919	Oceanography
Environmental sciences, not elsewhere classified	*39	1901	Physical sciences, general
		1999	Other, specify
Engineering			
Aeronautical	41	0902	Aerospace, aeronautical, and astronautical engineering
Astronautical	42	0902	Aerospace, aeronautical, and astronautical engineering
Chemical	43	0906	Chemical engineering
Civil	44	0908	Civil, construction, and transportation engineering
Electrical	45	0909	Electrical, electronics, and communications engineering
Mechanical	46	0910	Mechanical engineering
Metallurgy and materials	*47	0914	Metallurgical engineering
		0915	Materials engineering
Engineering, not elsewhere classified	*49	0901	Engineering, general
		0999	Other, specify
Life Sciences			
Biological	*51	0401	Biology, general
		0402	Botany, general
		0403	Bacteriology
		0404	Plant pathology
		0405	Plant pharmacology
		0406	Plant physiology
		0407	Zoology, general
		0408	Pathology, human and animal
		0409	Pharmacology, human and animal
		0410	Physiology, human and animal
		0411	Microbiology
		0412	Anatomy
		0413	Histology
		0414	Biochemistry
		0415	Biophysics
		0416	Molecular biology
		0417	Cell biology (cytology, cell physiology)
		0418	Marine biology
		0419	Biometrics and biostatistics
		0420	Ecology
		0421	Entomology
		0422	Genetics
		0423	Radiobiology
		0424	Nutrition, scientific
		0425	Neurosciences
		0426	Toxicology
		0427	Embryology
Clinical medical	*52	1201	Health professions, general
		1203	Nursing (baccalaureate and higher programs)

* Accurate translation will require examination of the program to determine primary emphasis.

INTERAGENCY CLASSIFICATIONS

*Discipline specialty**Code*

*52

Life sciences, not elsewhere classified

*59

Psychology

Biological aspects

*61

Social aspects

*62

Psychological sciences, not elsewhere classified

*69

Social Sciences

Anthropology

71

Economics

72

History

73

Linguistics

74

Political science

75

Sociology

76

Social sciences, not elsewhere classified

*79

Other Sciences,

not elsewhere classified

*99

NEW HEGIS TAXONOMY

*Discipline specialty**Code*

1204

Dentistry, D.D.S. or D.M.D. degree

1205

Dental specialties (work beyond first-professional degree, D.D.S. or D.M.D.)

1206

Medicine, M.D. degree

1207

Medical specialties (work beyond first-professional degree, M.D.)

1208

Occupational therapy

1209

Optometry

1210

Osteopathic medicine, D.O. degree

1211

Pharmacy

1212

Physical therapy

1213

Dental hygiene (baccalaureate and higher programs)

1214

Public health

1216

Podiatry (Pod. D. or D.P.) or podiatric medicine (D.P.M.)

1218

Veterinary medicine (D.V.M. degree)

1219

Veterinary medicine specialties (work beyond first-professional degree, DVM)

1220

Speech pathology and audiology

1221

Chiropractic

1222

Clinical social work (medical and psychiatric and specialized rehabilitation services)

1223

Medical laboratory technologies (baccalaureate and higher programs)

1224

Dental technologies (baccalaureate and higher programs)

1225

Radiologic technologies (baccalaureate and higher programs)

0401

Biology, general

0499

Other, specify

1201

Health professions, general

1299

Other, specify

2002

Experimental psychology

2003

Clinical psychology

2010

Physiological psychology

2005

Social psychology

2004

Psychology for counseling

2008

Industrial psychology

2001

Psychology, general

2099

Other, specify

2202

Anthropology

2204

Economics

2205

History

1505

Linguistics

2207

Political science and government

2208

Sociology

2201

Social sciences, general

2299

Other, specify

4902

Biological and physical sciences (interdisciplinary)

4904

Engineering and other disciplines (interdisciplinary)

4999

Interdisciplinary, other

* Accurate translation will require examination of the program to determine primary emphasis.